

SOIL REMEDY ALTERNATIVE S2c: IN SITU STABILIZATION

Original acres:		1.34			Total:	Original	RADD
RADD acres:			2.19			\$2,093,138.09	\$3,343,490.78
		Original	RADD	Original	RADD		
1. Mobilization						\$18,019.04	\$18,019.04
Assume	32	32 D6 Dozer (4)		\$86.63	\$86.63 per hour	\$2,772.16	\$2,772.16
Assume	32	32 compactors (4)		\$86.63	\$86.63 per hour	\$2,772.16	\$2,772.16
Assume	24	24 Water Truck (4)		\$86.63	\$86.63 per hour	\$2,079.12	\$2,079.12
Assume	24	24 Dump Truck (4)		\$86.63	\$86.63 per hour	\$2,079.12	\$2,079.12
Assume	32	32 924 Loader (4)		\$86.63	\$86.63 per hour	\$2,772.16	\$2,772.16
Assume	64	64 210 trackhoe (8)		\$86.63	\$86.63 per hour	\$5,544.32	\$5,544.32
2. Foundation and Pavement Removal						\$116,740.00	\$190,792.80
Assume	58,370	95,396 sqft of foundation and pavement removal		\$2.00	\$2.00 per hour	\$116,740.00	\$190,792.80
3. Excavation (50 cubic yards per hour)						\$323,022.70	\$527,925.16
Assume	1,226	2,004 trackhoes		\$165.31	\$165.31 per hour	\$202,670.06	\$331,229.43
Assume	307	502 contractor supervisor		\$66.00	\$66.00 per hour	\$20,262.00	\$33,114.76
Assume	1,226	2,004 dump truck		\$81.64	\$81.64 per hour	\$100,090.64	\$163,580.97
4. Stablization						\$900,991.75	\$1,472,516.37
Assume	10,170	16,621 fly ash		\$32.24	\$32.24 per ton delivered	\$327,880.80	\$535,864.89
Assume	1,226	2,004 trackhoes		\$165.31	\$165.31 per hour	\$202,670.06	\$331,229.43
Assume	613	1,002 dozers		\$127.89	\$127.89 per hour	\$78,396.57	\$128,125.74
Assume	613	1,002 compactors		\$87.65	\$87.65 per hour	\$53,729.45	\$87,811.56
Assume	613	1,002 loader at stock pile		\$101.63	\$101.63 per hour	\$62,299.19	\$101,817.33
Assume	613	1,002 water wagon		\$81.64	\$81.64 per hour	\$50,045.32	\$81,790.49
Assume	613	1,002 dump truck		\$102.72	\$102.72 per hour	\$62,967.36	\$102,909.34
Assume	767	1,254 compaction tests		\$45.00	\$45.00 per hour	\$34,515.00	\$56,408.84
Assume	153	250 contractor supervisor		\$66.00	\$66.00 per hour	\$10,098.00	\$16,503.45
Assume	613	1,002 labor		\$30.00	\$30.00 per hour	\$18,390.00	\$30,055.30
5. Confirmation Sampling						\$94,645.00	\$127,668.50
Assume	41	35 samples (16 samples per acre)			\$0.00	\$0.00	\$0.00
Assume	41	35 SPLP confirmation sample		\$845.00	\$845.00 per sample	\$34,645.00	\$29,608.80
Assume	120	196 days rental equipment at		\$500.00	\$500.00 per day	\$60,000.00	\$98,059.70
6. AMEC Excavation Contractor Field Oversight						\$100,474.00	\$164,207.51
Assume	4	6.5 months office trailer at		\$500.00	\$500.00 per month	\$2,000.00	\$3,268.66
Assume	88	144 days per diem/lodging/truck rental at		\$260.00	\$260.00 per day	\$22,880.00	\$37,393.43
Assume	879	1,437 hours AMEC field supervisor at		\$86.00	\$86.00 per hour	\$75,594.00	\$123,545.42
7. Project Management & Reporting						\$190,389.25	\$285,112.94
Assume	1	1 Report		\$35,000.00	\$35,000.00 Lump Sum	\$35,000.00	\$35,000.00
Assume	1	1 AMEC project management at 10% of all other cost				\$155,389.25	\$250,112.94
8. Contingency						\$348,856.35	\$557,248.46
Assume	1	1 Continegency		20%		\$348,856.35	\$557,248.46

## SOIL REMEDY ALTERNATIVE S2c: IN SITU STABILIZATION

treatment area:	2.19 acres			Total:	\$3,343,491
1. Mobilization					\$18,019
Assume	32	D6 Dozer (4)	\$86.63	per hour	\$2,772
Assume	32	compactors (4)	\$86.63	per hour	\$2,772
Assume	24	Water Truck (4)	\$86.63	per hour	\$2,079
Assume	24	Dump Truck (4)	\$86.63	per hour	\$2,079
Assume	32	924 Loader (4)	\$86.63	per hour	\$2,772
Assume	64	210 trackhoe (8)	\$86.63	per hour	\$5,544
2. Foundation and Pavement Removal					\$190,793
Assume	95,396	sqft	\$2.00	per hour	\$190,793
3. Excavation (50 cubic yards per hour)					\$527,925
Assume	2,004	trackhoes	\$165.31	per hour	\$331,229
Assume	502	contractor supervisor	\$66.00	per hour	\$33,115
Assume	2,004	dump truck	\$81.64	per hour	\$163,581
4. Stablization					\$1,472,516
Assume	16,621	fly ash	\$32.24	per ton delivered	\$535,865
Assume	2,004	trackhoes	\$165.31	per hour	\$331,229
Assume	1,002	dozers	\$127.89	per hour	\$128,126
Assume	1,002	compactors	\$87.65	per hour	\$87,812
Assume	1,002	loader at stock pile	\$101.63	per hour	\$101,817
Assume	1,002	water wagon	\$81.64	per hour	\$81,790
Assume	1,002	dump truck	\$102.72	per hour	\$102,909
Assume	1,254	compaction tests	\$45.00	per hour	\$56,409
Assume	250	contractor supervisor	\$66.00	per hour	\$16,503
Assume	1,002	labor	\$30.00	per hour	\$30,055
5. Confirmation Sampling					\$127,669
Assume	35	samples (16 samples per acre)			\$0
Assume	35	SPLP confirmation sample	\$845	per sample	\$29,609
Assume	196	days rental equipment at	\$500	per day	\$98,060
6. AMEC Excavation Contractor Field Oversight					\$164,208
Assume	6.5	months office trailer at	\$500	per month	\$3,269
Assume	144	days per diem/lodging/truck rental	\$260	per day	\$37,393
Assume	1,437	hours AMEC field supervisor at	\$86	per hour	\$123,545
7. Project Management & Reporting					\$285,113
Assume	1	Report	\$35,000	Lump Sum	\$35,000

Assume	1	AMEC project management at 10% of all other cost		\$250,113
8. Contingency				\$557,248
Assume	1	Continegency	20%	\$557,248